

ABSTRACT

The present invention relates to a radio communication system that performs radio communications between a stationary information device and a mobile terminal device so that the stationary information device and the mobile terminal device can be securely fixed to each other with a simple structure and the radio communications can be performed at a higher speed. The stationary information device comprises a first radio communication unit that performs radio communications to detect the approach of the mobile terminal device, a detecting unit that detects the approach of the mobile terminal device based on a result of the radio communications performed by the first radio communication unit, and an attracting unit that generates an attraction force for attraction and fixation of the mobile terminal device when the detecting unit detects the approach of the mobile terminal device. The mobile terminal device comprises a second radio communication unit that performs radio communications to detect the approach of the stationary information device, and an attracted unit that is attracted with the attraction force generated by the stationary information device.